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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/700,914	
	Filing Date	November 4, 2003	
	First Named Inventor	Scott Hrastar	
	Art Unit	2142	
	Examiner Name	Jack B. Harvey	
Total Number of Pages in This Submission	4	Attorney Docket Number	093615600012

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation <input type="checkbox"/> Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): One page of Form PTO-1449
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## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	Jones Day, Customer No. 36587		
Signature			
Printed name	Troy A. Van Aacken		
Date	May 5, 2005	Reg. No.	50,847

## CERTIFICATE OF TRANSMISSION/MAILING

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:			
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This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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**MAY 05 2005**

Customer No. 36587  
Attorney Docket No. 093615600012  
Application No. 10/700,914

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:	)	
	)	
Scott Hrastar	)	Group Art Unit: 2142
	)	
Application No.: 10/700,914	)	Examiner: Jack B. Harvey
	)	
Filed: November 4, 2003	)	Confirmation No.: 7780
	)	
For: "SYSTEMS AND METHODS FOR	)	
DETERMINING WIRELESS NETWORK	)	
TOPOLOGY"	)	
	)	

Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

JONES DAY  
Customer No. 36587

Sir:

May 5, 2005

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicants bring to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.

All of the listed documents are either U.S. patents or U.S. patent application publications. Therefore, pursuant to 37 C.F.R. §1.98(a)(2)(ii), copies of the documents are not enclosed; however, copies will be provided if required. Applicants respectfully requests that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

- 1 -

ATI-2165617v1

Customer No. 36587  
Attorney Docket No. 093615600012  
Application No. 10/700,914

This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claims in the application and Applicants determine that the cited documents do not constitute "prior art" under United States law, Applicants reserve the right to present to the office the relevant facts and law regarding the appropriate status of such documents.

Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

Please charge any fee due in connection with the filing of this Supplemental Information Disclosure Statement, as well as any additional required fees beyond those accounted for in the accompanying documents, to our Deposit Account No. 50-2724, reference 093615600012.

Respectfully submitted,

Dated: May 5, 2005

By: 

Troy A. Van Aacken  
Reg. No. 50,847

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PTO/SB/08 (08-03)

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Substitute for form 1449A/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				Application Number	10/700,914
				Filing Date	November 4, 2003
				First Named Inventor	Scott Hrastar
				Group Art Unit	2142
				Examiner Name	Jack B. Harvey
Sheet	1	of	1	Attorney Docket Number	093615600012

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		5,666,662	09-09-1997	Shibuya	
		6,799,047	09-28-2004	Bahl <i>et al.</i>	
		2002/0032871	03-14-2002	Malan <i>et al.</i>	
		2002/0090952	07-11-2002	Cantwell	
		2002/0161755	10-31-2002	Moriarty	
		2003/0140246	07-24-2003	Kammer <i>et al.</i>	
		2003/0200455	10-23-2003	Wu	
		2003/0217289	11-20-2003	Ammon <i>et al.</i>	
		2004/0162995	08-19-2004	Muaddi <i>et al.</i>	
		2004/0103307	05-27-2004	Raphaelli <i>et al.</i>	

FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Figures Appear	T <sup>6</sup>

Examiner's Signature	Date Considered
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 18 if possible. <sup>6</sup> Applicant to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 AND 37 CFR 1.14. This collection is estimated to take 2.0 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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